UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Confirmation No.:

8468

Eshel BEN-JACOB et al.

Serial No.:

10/534,127

Filed:

November 18, 2005

Group Art Unit:

3739

For:

System for and Method of

Positioning Cells and Determining

*\$* \$\tau\$ \$\tau

Cellular Activity Thereof

Attorney Docket:

29752

Examiner:

Lee S. COHEN

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **RESPONSE**

Sir:

This is in response to the United States Patent and Trademark Office Action mailed May 5, 2009, which response is being made on or before August 5, 2009, and for which no extension of time fees are due.

Applicants submit this response for entry into the record, in which:

Amendments to the Claims begin on page 2.

Remarks begin on page 13.

Please amend the above-identified application as follows: